14D7 Pac'd PCT/PTO 04 JAN 2006

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## ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES 38-21(52806)B DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 0 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US2004/021692 July 6, 2004 July 7, 2003 TITLE OF INVENTION Insecticidal Proteins Secreted from Bacillus Thuringiensis and Uses Therefor APPLICANT(S) FOR DO/EO/US Monsanto Technology LLC et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. U Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. 🗸 An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. (3 Assignments) A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. 16. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTC-1390 (Rev. 07-2005)
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)  INTERNATIONAL APPLICATION NO.  PCT/US04/21692			38-21(52806)B				
20. Other items or information: Paper Copy of the Sequence Listing Statement of Content							
The foll	owing fees have	been submitted	<u>-</u>		CALCULATIONS	PTO USE ONLY	
21.					\$ 300.00		
22. 🔽 Exam	nination fee (37 C						
by IPEA/	nion prepared by I /US indicates all c	\$ 200.00					
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 100.00		
TOTAL OF 21, 22 and 23 =					\$ 600.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets	ra Sheets Number of each additional 50 or fraction thereof (round up to a whole number)					
- 100 =	/50 =			× \$250	\$		
	30.00 for furnishin commencement of	\$					
CLAIMS	NUM	BER FILED	NUMBER EXTRA	RATE	\$		
Total claims		20 - 20 =	0	× \$ 50	\$		
Independent clair	ms	7 -3=	4	× \$200	\$ 800.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					\$		
		\$ 800.00					
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.							
SUBTOTAL = \$ 1,400.00							
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).							
		\$ 1,400.00					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property (3 Assignments) +					\$ 120.00		
TOTAL FEES ENCLOSED = \$					\$ 1,520.00		
					Amount to be refunded:	\$	
					Amount to be charged	\$ 1,520.00	

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PTO-1390 (Rev. 07-2005)

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<ul> <li>a. A check in the amount of \$ to cover the above fees is enclosed.</li> <li>b. Please charge my Deposit Account No. 13-4125 in the amount of \$ _1,520.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</li> <li>c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-4125 . A duplicate copy of this sheet is enclosed.</li> <li>d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</li> <li>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed</li> </ul>						
and granted to restore the International Application to pending status.						
Timothy c/o Gail Monsan 800 Nor	LL CORRESPONDENCE TO:  / K. Ball, Ph.D., Esq.  Wuellner, Mail Zone E2NA  nto Company  th Lindbergh Boulevard  s, Missouri 63167	SIGNATURE Timothy K. Ball, Ph.D., Esq.  NAME 42,287  REGISTRATION NUMBER				

## IAP15 Rec'd PCT/PTO 04 JAN 2006 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE UNDER 37 C.F.R.§1.10

Service on this day of January 20	rein are being deposited with the United States Postal 06, in an envelope as "Express Mail Post Office to dressed to: Mail Stop PCT, Commissioner for Patents, P.O.				
Michelle Ludwig Michelle Ludwig					
In re Application of: Baum et al. Serial No.: Unknown	) Group Art Unit: Unknown ) Examiner: Unknown				
Filed: January 4, 2006  For: Insecticidal Proteins Secreted from Bacillus Thuringiensis and Uses Therefor	) Atty Docket: 38-21(52806)B )				
Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450					
TRANSMIT	TAL LETTER				
Transmitted herewith are the following documen	nts in the above-identified application.				
X Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371  X Assignment from Inventors to Ecogen, Inc. X Assignment from Inventors to Monsanto Technology LLC X Assignment from Ecogen, Inc. to Monsanto Technology LLC X Preliminary Amendment X Computer Readable Form of Sequence Listing X Paper Copy of Sequence Listing X Statement of Content X Return Postcard X Please debit \$1,520.00 from Deposit Account 13-4125 for the fee required with this filing. X Please charge any deficiencies or credit any overpayment to Deposit Account 13-4125. A duplicate copy of this sheet is attached.					
	Respectfully submitted,				
	Milare				

Timothy K. Ball, Ph.D., Esq.

Reg. No. 42,287

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